

Claims

1. A device for connecting a shaft (10), in particular a worm shaft, to a ring (12), in particular a ring magnet, which has an inside face (14) that is in contact with an outside face (16) of the shaft (10),

5 characterized in that

on the outside face (16) of the shaft (10), there are deformation regions (18), by means of which a nonpositive-engagement, rotationally fixed connection of the ring (12) to the shaft (10) is assured.

2. The device of claim 1, characterized in that the deformation regions (18) are distributed regularly in the radial direction over the outside face (16) of the shaft (10).

3. The device of claim 1 or 2, characterized in that the deformation regions are formed by at least two impressed features (18).

4. The device of claim 3, characterized in that the impressed features (18) have a conical shape.

5. The device of claim 4, characterized in that the cone of the impressed features (18) is between 50° and 70°, and is preferably 60°.

6. The device of claim 4 or 5, characterized in that the maximum diameter of the impressed features (18) is between 1.5 mm and 2.4 mm, and is preferably 1.9 mm.

7. The device of one of claims 3-6, characterized in that two of the impressed features (18) at a time are disposed in pairs.

8. The device of one of claims 3-7, characterized in that the impressed features (18) are offset by 180° from one another.

9. The device of one of the foregoing claims, characterized in that the deformation regions (18) are disposed approximately centrally in the axial direction to the inside face (14).

10. The device of one of the foregoing claims, characterized in that in addition to the impressed features (18), radially extending indentations (20) are present on the outside face (16) of the shaft (10).